



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/086,105
Source: O/PZ
Date Processed by STIC: 3/19/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



O I P E

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/086,105

DATE: 03/19/2002
TIME: 15:11:08

Input Set : A:\SequenceListing.txt
Output Set: N:\CRF3\03192002\J086105.raw

3 <110> APPLICANT: Kevin J. Kayser
4 John J. Kilbane, II
6 <120> TITLE OF INVENTION: System and Method for Gene Expression in Thermus Strains
8 <130> FILE REFERENCE: IGT-1444
OK > 10 <140> CURRENT APPLICATION NUMBER: US/10/086,105
OK > 12 <141> CURRENT FILING DATE: 2002-02-28
14 <160> NUMBER OF SEQ ID NOS: 5
16 <170> SOFTWARE: WordPerfect 9.0

ERRORED SEQUENCES

30 <210> SEQ ID NO: 2
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 31 <211> LENGTH: 51 shown
must be in
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: 5' UTR added to five prime of transcript
 38 <400> SEQUENCE: 2
lower-case
letters, when
51
E--> 39 gcatgcttat ctcgagactg gcagttcaat agagatattg tatgcctgca g
Sequence
Listing is
in new
7) Sequence
format
E--> 49 <400> SEQUENCE: 3<insert
8) Please
C--> 50 aaaggga
correct
globally)
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53 <211> LENGTH: 7
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: RBS addition to expression vector
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C--> 61 gaaggagg
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 772
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Inducible promoter mdh
E--> 71 <400> SEQUENCE: 5<insert

*use
lower case
letters*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/086,105

DATE: 03/19/2002
TIME: 15:11:08

Input Set : A:\SequenceListing.txt
Output Set: N:\CRF3\03192002\J086105.raw

C--> 72	ggaggaggcc aagaagctt tggagggaa gcccgtctac atgtacccca cgtccattga	60
74	ggcgcccaag gecatcgtgg ccatggggg aggtgcggcg tgatcttgtt gaaccgcgag	120
76	accccggtcc tggtcaggc catcacccgc cggaggggc agttccacac caagcagatg	180
78	ctggactacg qeaccaagat cgteccccgg gtcaccccg gcaaaggggg aacggaggtc	240
80	ctagggggtcc cegtctacga cacggtaag gaggcgggtgg cgacaccacga ggtggacgcc	300
82	tccatcatct tctgtgcggc cccggcccg gggacgcgg cccttggaaagc ggcccacgccc	360
84	gggatcccccc tcategtctt catcacccgg ggcacatccccca ccctggacat ggtgcggggc	420
86	gtggaggaga tcaaggccct gggaaagccgc ctcatccccgg ggaactggcc ggggatcate	480
88	agcgcccgagg agaccaagat cgggatcatg cccggccacg tcttcaagcg gggccgggtg	540
90	gggatcatca gccgtctccgg cacccttcaacc tacggggccg cagccgcct ttcccaaggcg	600
92	gggctcgcca ccaccaccac ggtggggatc gggggcgacc cctgtcatcg gaccaccccttc	660
94	aaggaccttc tccccctttt caacgaggac cggagacgg aggccgttgtt cctcatcggt	720
96	gagatcgccg gtcggacga ggaggaggcg gcgcttggg tgaaggacca ca	772

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/086,105

DATE: 03/19/2002

TIME: 15:11:09

Input Set : A:\SequenceListing.txt

Output Set: N:\CRF3\03192002\J086105.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:112 C: (48) String data converted to lower case,
L:39 M:112 C: (48) String data converted to lower case,
L:39 M:252 E: No. of Seq. differs, <211>LENGTH:Input:50 Found:51 SEQ:2
L:49 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:3 differs:2
L:50 M:112 C: (48) String data converted to lower case,
L:60 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:4 differs:2
L:61 M:112 C: (48) String data converted to lower case,
L:71 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:5 differs:2
L:72 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=5